<110> LIU, et al.

<120> HUMAN ANTI-EPIDERMAL GROWTH FACTOR RECEPTOR ANTIBODY

<130> 11245/51003

<140> To Be Assigned
<141> Herewith...2006-09-19

<150> PCT/US2005/009583
<151> 2005-03-21

<150> 60/624,264
<151> 2004-11-02

<150> 60/554,555
<151> 2004-03-19

<160> 25

<170> PatentIn Ver. 3.3

<210> 1
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<212> DNA
<213> Homo sapiens

<220>
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<222> (1)..(21)

<400> 1
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Ser Gly Asp Tyr Tyr Trp Ser
1 5

<210> 2
<211> 7
<212> PRT
<213> Homo sapiens

<400> 2
Ser Gly Asp Tyr Tyr Trp Ser
1 5

<210> 3
<211> 48
<212> DNA
<213> Homo sapiens

<220>
<221> CDS
<222> (1)..(48)

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tac atc tat tac agt ggg agc acc gac tac aac ccg tcc ctc aag agt 48
Tyr Ile Tyr Tyr Ser Gly Ser Thr Asp Tyr Asn Pro Ser Leu Lys Ser
1 5 10 15

<210> 4
<211> 16
<212> PRT
<213> Homo sapiens

<400> 4
Tyr Ile Tyr Tyr Ser Gly Ser Thr Asp Tyr Asn Pro Ser Leu Lys Ser
1 5 10 15

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<212> DNA
<213> Homo sapiens

<220>
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<222> (1)..(33)

<400> 5
gtg tcg att ttt gga gtg ggg aca ttt gac tac 33
Val Ser Ile Phe Gly Val Gly Thr Phe Asp Tyr
1 5 10

<210> 6
<211> 11
<212> PRT
<213> Homo sapiens

<400> 6
Val Ser Ile Phe Gly Val Gly Thr Phe Asp Tyr
1 5 10

<210> 7
<211> 363
<212> DNA
<213> Homo sapiens

<220>
<221> CDS
<222> (1)..(363)

<400> 7
cag gtg cag ctg cag gag tcg ggc cca gga ctg gtg aag cct tca cag 48
Gln Val Gln Leu Gln Glu Ser Gly Pro Gly Leu Val Lys Pro Ser Gln
1 5 10 15

acc ctg tcc ctc acc tgc act gtc tct ggt ggc tcc atc agc agt ggt 96
Thr Leu Ser Leu Thr Cys Thr Val Ser Gly Gly Ser Ile Ser Ser Gly
20 25 30

gat tac tac tgg agt tgg atc cgc cag ccc cca ggg aag ggc ctg gag 144
Asp Tyr Tyr Trp Ser Trp Ile Arg Gln Pro Pro Gly Lys Gly Leu Glu
35 40 45

tgg att ggg tac atc tat tac agt ggg agc acc gac tac aac ccg tcc 192
Trp Ile Gly Tyr Ile Tyr Tyr Ser Gly Ser Thr Asp Tyr Asn Pro Ser

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     50                  55                  60

ctc aag agt cga gtc acc atg tcc gta gac acg tcc aag aat cag ttt   240
Leu Lys Ser Arg Val Thr Met Ser Val Asp Thr Ser Lys Asn Gln Phe
 65                  70                  75                  80

tcc ctg aag gtc aac tct gtg acc gcc gca gac acg gct gtg tat tac   288
Ser Leu Lys Val Asn Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr
                85                  90                  95

tgt gcg aga gtg tcg att ttt gga gtg ggg aca ttt gac tac tgg ggc   336
Cys Ala Arg Val Ser Ile Phe Gly Val Gly Thr Phe Asp Tyr Trp Gly
            100                 105                 110

cag ggc acc ctg gtc acc gtc tca agc                               363
Gln Gly Thr Leu Val Thr Val Ser Ser
        115                 120


<210> 8
<211> 121
<212> PRT
<213> Homo sapiens

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Gln Val Gln Leu Gln Glu Ser Gly Pro Gly Leu Val Lys Pro Ser Gln
  1               5                  10                  15

Thr Leu Ser Leu Thr Cys Thr Val Ser Gly Gly Ser Ile Ser Ser Gly
             20                  25                  30

Asp Tyr Tyr Trp Ser Trp Ile Arg Gln Pro Pro Gly Lys Gly Leu Glu
         35                  40                  45

Trp Ile Gly Tyr Ile Tyr Tyr Ser Gly Ser Thr Asp Tyr Asn Pro Ser
     50                  55                  60

Leu Lys Ser Arg Val Thr Met Ser Val Asp Thr Ser Lys Asn Gln Phe
 65                  70                  75                  80

Ser Leu Lys Val Asn Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr
                85                  90                  95

Cys Ala Arg Val Ser Ile Phe Gly Val Gly Thr Phe Asp Tyr Trp Gly
            100                 105                 110

Gln Gly Thr Leu Val Thr Val Ser Ser
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Arg Ala Ser Gln Ser Val Ser Ser Tyr Leu Ala
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1 5 10

<210> 10
<211> 11
<212> PRT
<213> Homo sapiens

<400> 10
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<210> 11
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<212> DNA
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<220>
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<400> 11
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Asp Ala Ser Asn Arg Ala Thr
1 5

<210> 12
<211> 7
<212> PRT
<213> Homo sapiens

<400> 12
Asp Ala Ser Asn Arg Ala Thr
1 5

<210> 13
<211> 27
<212> DNA
<213> Homo sapiens

<220>
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<222> (1)..(27)

<400> 13
cac cag tat ggt agc aca cct ctc act 27
His Gln Tyr Gly Ser Thr Pro Leu Thr
1 5

<210> 14
<211> 9
<212> PRT
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<400> 14
His Gln Tyr Gly Ser Thr Pro Leu Thr
1 5

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<220>
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  1               5                  10                  15

gaa aga gcc acc ctc tcc tgc agg gcc agt cag agt gtt agc agc tac   96
Glu Arg Ala Thr Leu Ser Cys Arg Ala Ser Gln Ser Val Ser Ser Tyr
             20                  25                  30

tta gcc tgg tac caa cag aaa cct ggc cag gct ccc agg ctc ctc atc   144
Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Arg Leu Leu Ile
         35                  40                  45

tat gat gca tcc aac agg gcc act ggc atc cca gcc agg ttc agt ggc   192
Tyr Asp Ala Ser Asn Arg Ala Thr Gly Ile Pro Ala Arg Phe Ser Gly
     50                  55                  60

agt ggg tct ggg aca gac ttc act ctc acc atc agc agc cta gag cct   240
Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Glu Pro
 65                  70                  75                  80

gaa gat ttt gca gtg tat tac tgt cac cag tat ggt agc aca cct ctc   288
Glu Asp Phe Ala Val Tyr Tyr Cys His Gln Tyr Gly Ser Thr Pro Leu
                 85                  90                  95

act ttc ggc gga ggg acc aag gcg gag atc aaa                      321
Thr Phe Gly Gly Gly Thr Lys Ala Glu Ile Lys
            100                 105
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<210> 16
<211> 107
<212> PRT
<213> Homo sapiens

<400> 16
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Glu Ile Val Met Thr Gln Ser Pro Ala Thr Leu Ser Leu Ser Pro Gly
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Glu Arg Ala Thr Leu Ser Cys Arg Ala Ser Gln Ser Val Ser Ser Tyr
             20                  25                  30

Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Arg Leu Leu Ile
         35                  40                  45

Tyr Asp Ala Ser Asn Arg Ala Thr Gly Ile Pro Ala Arg Phe Ser Gly
     50                  55                  60

Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Glu Pro
 65                  70                  75                  80
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Glu Asp Phe Ala Val Tyr Tyr Cys His Gln Tyr Gly Ser Thr Pro Leu
85 90 95

Thr Phe Gly Gly Gly Thr Lys Ala Glu Ile Lys
100 105

<210> 17
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<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic linker peptide

<400> 17
Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser
1 5 10

<210> 18
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic linker peptide

<400> 18
Gly Gly Gly Gly Ser
1 5

<210> 19
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic linker peptide

<400> 19
Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser
1 5 10 15

<210> 20
<211> 55
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic primer

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<210> 21
<211> 31
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic primer

<400> 21
cgagctagcg cttgagacgg tgaccagggt g 31

<210> 22
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<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic primer

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<210> 23
<211> 35
<212> DNA
<213> Artificial Sequence

<220>
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<400> 23
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<210> 24
<211> 53
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic primer

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<210> 25
<211> 19
<212> PRT
<213> Mus musculus

<400> 25
Met Gly Trp Ser Cys Ile Ile Leu Phe Leu Val Ala Thr Ala Thr Gly
1 5 10 15

Val His Ser